

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	4306	(375/295,297,298).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/09 12:53
L5	19	L4 and (digital near2 control near2 unit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/09 12:54
L6	474	L4 and (digital near2 filter) and ( error or distortion\$2 or noise\$1) and (control\$2)	US-PGPUB; USPAT	ADJ	ON	2010/11/09 12:57
L7	18	L6 and (digital near2 control near2 (unit or module or circuit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/09 12:57
L8	3225	(375/344,347).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/09 12:59
L9	26	L8 and (digital near2 control near2 (unit or module or circuit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/09 12:59
L10	297	L8 and (digital near2 filter) and ( error or distortion\$2 or noise\$1) and (control\$2)	US-PGPUB; USPAT	ADJ	ON	2010/11/09 12:59
L11	12	L10 and (digital near2 control near2 (unit or module or circuit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/09 13:00
L12	480	(455/278.1).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/09 13:00
L13	3	L12 and (digital near2 control near2 (unit or module or circuit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/09 13:00
L14	18	L12 and (digital near2 filter) and ( error or distortion\$2 or noise\$1) and (control\$2)	US-PGPUB; USPAT	ADJ	ON	2010/11/09 13:01
S1	194	((filter\$4 with control\$4 with (disabi\$4 or stop or off or (by near pass) or skip or chang\$3 or modify)) with distortion) and (@pd<"20040427" or @ad<"20040427" or @prad<"20040427" or @riad<"20040427")	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/31 08:54
S6	130	S1 not audio	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/31 09:01

S12	12519	(frequenc\$4 near2 conversion \$1 or modif\$3) same ( maintain\$2 or control\$1) same (amplitud\$3 or power \$2 near2 level\$2 or balance \$3)	US-PGPUB; USPAT	ADJ	ON	2009/03/31 11:51
S14	163	S12 and (filter\$4 with control \$2 near2 unit\$2)	US-PGPUB; USPAT	ADJ	ON	2009/03/31 11:53
S17	1	("20030053552").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/31 12:09
S25	12519	(frequenc\$4 near2 conversion \$1 or modif\$3) same ( maintain\$2 or control\$1) same (amplitud\$3 or power \$2 near2 level\$2 or balance \$3)	US-PGPUB; USPAT	ADJ	ON	2009/03/31 17:07
S26	2524	S25 and (filter\$4 with control \$2)	US-PGPUB; USPAT	ADJ	ON	2009/03/31 17:07
S27	133	(analog near2 filter) same ( digital\$2 near2 filter\$2) with (frequenc\$4 near2 conversion \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/31 17:50
S28	133	S27 and ay@< "2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/31 17:51
S29	13	S27 and @ay< "2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/31 17:52
S35	2	(mixer) with (analog near2 band near2 pass near2 filter) with (analog near2 digital near2 converter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/31 18:24
S36	51	(analog near2 band near2 pass near2 filter) with (analog near2 digital near2 converter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/31 18:53
S37	39	S36 and @ay< "2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/31 18:53
S47	2494	(375/316).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/01 14:12
S48	194	((filter\$4 with control\$4 with (disabl\$4 or stop or off or (by near pass) or skip or chang\$3 or modify)) with distortion) and (@pd< "20040427" or @ad< "20040427" or @prad< "20040427" or @rlad< "20040427")	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/01 14:13
S50	423	S47 and (digital\$4 near2 filter \$3)	US-PGPUB; USPAT	ADJ	ON	2009/04/01 14:15

S51	18	S47 and (digital\$4 near2 filter\$3) same (control\$2 near2 unit\$3)	US-PGPUB; USPAT	ADJ	ON	2009/04/01 14:15
S54	27032	(digital near2 filter) and ( error or distortion\$2 or noise\$1) and (control\$2)	US-PGPUB; USPAT	ADJ	ON	2009/04/01 14:43
S55	7	(digital near2 filter) near ( error or distortion\$2 or noise\$1) near(control\$2)	US-PGPUB; USPAT	ADJ	ON	2009/04/01 14:44
S56	3802	(digital near2 filter) same ( error or distortion\$2 or noise\$1) same(control\$2 or on or off or disabl\$3 or enabl\$4)	US-PGPUB; USPAT	ADJ	ON	2009/04/01 14:46
S57	1239	(digital near2 filter) same ( error or distortion\$2 or noise\$1) same(on or off or disabl\$3 or enabl\$4)	US-PGPUB; USPAT	ADJ	ON	2009/04/01 14:47
S58	215	S57 and (control near2 unit)	US-PGPUB; USPAT	ADJ	ON	2009/04/01 14:48
S69	896	(digital near2 filter) same ( error or distortion\$2 or noise\$1) same(on or off or disabl\$3)	US-PGPUB; USPAT	ADJ	ON	2009/04/01 14:50
S61	156	S58 and @ay< "2004"	US-PGPUB; USPAT	ADJ	ON	2009/04/01 14:54
S80	597	differ\$4 near2 recei\$5 near2 level\$2 near2 signal\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/02 11:46
S81	101	S80 and (control\$2 near2 unit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/02 11:46
S82	2	S80 and (digital\$2 near2 control\$2 near2 unit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/02 11:47
S83	64	S81 and @ay< "2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/02 11:50
S84	11	(disabl\$5 near2 filter\$4) with (filter\$4 near2 increase\$3 or rise\$3 near2 distort\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/02 13:16
S85	191	(enabl\$3 near2 filter\$4) same (filter\$4 near2 increase\$3 or rise\$3 near2 distort\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/02 13:22
S86	1	(enabl\$3 near2 digital\$4 near2 filter\$4) same (filter\$4 near2 increase\$3 or rise\$3 near2 distort\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/02 13:23
S87	140	S85 and @ay< "2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/02 13:25

S88	8	((TAISEI) near2 (SUBMITSU)). INV.	EPO; JPO; DERWENT	ADJ	ON	2009/04/07 09:42
S89	53	((HIROYASU) near2 (SANO)). INV.	EPO; JPO; DERWENT	ADJ	ON	2009/04/07 09:43
S90	83	((SEIJI) near2 (OKUBO)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/04/07 09:43
S91	1	((KENTARO) near2 (GOTOU)). INV.	EPO; JPO; DERWENT	ADJ	ON	2009/04/07 09:43
S93	108	S88 or S89 or S90 or S91 and (digital near2 filter) with ( error or distortion\$2 or noise \$1) with(control\$2 near2 unit) with (wireless near2 apparatus) with ( rece\$4 near2 level near2 detector)	US-PGPUB; USPAT; JPO	ADJ	ON	2009/04/07 09:53
S94	896	(digital near2 filter) same ( error or distortion\$2 or noise \$1) same(on or off or disabl \$3)	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:56
S95	27	(disabl\$5 near2 filter\$4) same (filter\$4 near2 increase\$3 or rise\$3 near2 distort\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/07 09:56
S96	138	S88 or S89 or S90 or S91	USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/07 11:04
S97	5	((TAISEI) near2 (SUBMITSU)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/07 11:06
S98	20	((HIROYASU) near2 (SANO)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/07 11:06
S99	19	((SEIJI) near2 (OKUBO)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/07 11:07
S100	1	((KENTARO) near2 (GOTOU)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/07 11:07
S101	21	S97 or S98 Or S99 or S100	USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/07 11:07
S102	1	S97 and S98 and S99 and S100 and (digital near2 filter near2 control near2 unit).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/07 11:32
S103	41	S97 or S98 or S99 or S100 and (digital near2 filter near2 control near2 unit).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/07 11:33
S104	28	filter\$7 near2 (increas\$7 or rais\$7 or up\$3 or caus\$7) near2 (noise or interferenc\$7 or distort\$7 or distract\$7 or isi or (inter\$1symbol\$7)) with (("not" or no or dis\$1abl\$7 or skip\$7 or off or switch\$7) near2 filter\$7)	USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/07 11:40
S107	9	(signal\$3 near2 sampl\$5 near2 system\$2) same (strob \$3 near2 generat\$4)	US-PGPUB; USPAT	ADJ	ON	2009/04/07 14:18

SI08	1	("4438404").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/07 14:34
SI09	1444	(455/426.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/07 14:54
SI10	2238	(455/422.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/07 14:56
SI11	552	(455/3.02).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/07 15:14
SI12	248	(455/316).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/07 15:28
SI13	285	(455/3.05).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/07 16:04
SI14	315	(455/20).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/07 16:11
SI15	145	(455/21).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/07 16:14
SI16	241	(375/228).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/07 16:17
SI17	1	"20070291885"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 17:40
SI18	171	(signal\$2 near2 sampl\$6 near2 system) same (first near2 sampl\$5) same ( second near2 samp\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/07 17:47
SI19	150	SI18 and @ay<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/07 17:48
SI20	2	SI19 and (strob\$3 near2 generat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/07 17:49
SI21	3	"20040120421"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/18 11:29
SI22	3	"20020176364"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/18 11:47
SI23	2363	(375/316).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/18 13:41
SI24	524	(375/317).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/18 15:54
SI25	703	(375/329).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/18 15:55
SI26	15	SI23 and (threshold near4 compar\$3 near4 unit)	US-PGPUB; USPAT	ADJ	ON	2009/08/18 15:57
SI27	4058	(digital near2 filter) same ( error or distortion\$2 or noise \$1) same (control\$2 or on or off or disabl\$3 or enabl\$4)	US-PGPUB; USPAT	ADJ	ON	2009/12/22 12:09

SI28	1188	(digital near2 filter) with ( error or distortion\$2 or noise \$1) with (control\$2 or on or off or disab\$3 or enabl\$4)	US-PGPUB; USPAT	ADJ	ON	2009/12/22 12:09
SI29	168	SI28 and ((amplitude or power) near2 level)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/22 12:11
SI30	123	SI28 and ((amplitude or power) adj1 level)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/22 12:11
SI31	33	filter\$7 near2 (increas\$7 or rais\$7 or up\$3 or caus\$7) near2 (noise or interferenc\$7 or distort\$7 or distract\$7 or isi or (inter\$1symbol\$7)) with (("not" or no or dis\$1abl\$7 or skip\$7 or off or switch\$7) near2 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/22 12:23
SI32	9	SI31 and ((power or amplitude) near2 (level\$3 or compar\$3 or match\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/22 12:25
SI34	2	filter\$7 near6 (increas\$7 or rais\$7 or up\$3 or caus\$7) near6 (noise or interferenc\$7 or distort\$7 or distract\$7 or isi or (inter\$1symbol\$7)) with (("not" or no or dis\$1abl\$7 or skip\$7 or off or switch\$7) near2 filter) same ((amplitude or power) near2 level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/22 13:16
SI35	267	filter\$7 near6 (("not" or no or dis\$1abl\$7 or skip\$7 or off or switch\$7) near2 filter) same ((amplitude or power) near2 level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/22 13:30
SI36	234	filter\$7 near2 (("not" or no or dis\$1abl\$7 or skip\$7 or off or switch\$7) near2 filter) same ((amplitude or power) near2 level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/22 13:30
SI37	234	(filter\$7 near2 (("not" or no or dis\$1abl\$7 or skip\$7 or off or switch\$7) near2 filter) same ((amplitude or power) near2 level))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/22 13:32

S138	4	((digital near2 filter\$7 near2 (("not" or no or dis\$1abl\$7 or skip\$7 or off or switch\$7) near2 filter) same ((amplitude or power) near2 level))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/22 13:37
S140	39	((digital adj2 filter) with switch \$3 with (power near3 signal \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/01/06 10:49
S141	97277	("375").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/15 11:35
S142	198	((filter\$4 with control\$4 with (disabl\$4 or stop or off or (by near pass) or skip or chang\$3 or modify)) with distortion) and (@pd<"20040427" or @ad<"20040427" or @prad<"20040427" or @riad<"20040427")	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/01/15 11:35
S143	57	S142 and S141	US-PGPUB; USPAT	ADJ	ON	2010/01/15 11:35
S144	165	(analog near2 filter) with ( digital\$2 near2 filter\$2) with (frequenc\$4 near2 conversion \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/01/15 11:35
S145	63	S144 and S141	US-PGPUB; USPAT	ADJ	ON	2010/01/15 11:35
S146	39	((digital adj2 filter) with switch \$3 with (power near3 signal \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/01/15 11:36
S147	2	S146 and S141	US-PGPUB; USPAT	ADJ	ON	2010/01/15 11:36
S148	962	((digital near2 filter) same ( error or distortion\$2 or noise \$1) same(on or off or disabl \$3)	US-PGPUB; USPAT	ADJ	ON	2010/01/15 11:37
S149	221	S148 and S141	US-PGPUB; USPAT	ADJ	ON	2010/01/15 11:37
S152	1	"5594612".pn.	USPAT	OR	OFF	2010/11/08 14:44
S153	203	((filter\$4 with control\$4 with (disabl\$4 or stop or off or (by near pass) or skip or chang\$3 or modify)) with distortion) and (@pd<"20040427" or @ad<"20040427" or @prad<"20040427" or @riad<"20040427")	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/08 15:17
S154	7	S153 and (non\$1linear\$4 near2 (amplitude or power))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/08 15:17

SI55	7853	(digital near2 control near2 unit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/08 15:19
SI56	40	(digital near filter near control near2 unit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/08 15:20
SI57	77	(digital near filter near control near2 (unit or module or circuit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/08 15:20
SI59	7	SI57 and (non\$linear\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/08 15:21
SI62	24	(digital adj filter adj control near2 unit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/08 16:09
SI63	665	receiv\$4 adj3 amplitude adj3 level	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/08 16:36
SI65	8937	receiv\$4 adj3 power adj3 level	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/08 16:37
SI66	2	SI62 and SI65	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/11/08 16:37

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